

## EAST Search History

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S17 1 | 1    | S168 and (contention same (receiv\$3 reception))                             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:26 |
| S17 2 | 1    | ("20040190467").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/19 10:26 |
| S17 3 | 1    | S172 and (contention same (receiv\$3 reception))                             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:34 |
| S17 4 | 1    | ("20050124313").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/19 10:33 |
| S17 5 | 1    | S174 and (contention same (receiv\$3 reception))                             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:33 |
| S17 6 | 1    | S172 and (contention same (send\$3 transmit\$4 transmission\$1))             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 11:53 |
| S17 7 | 1    | S172 and (contention same during same (send\$3 transmit\$4 transmission\$1)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:42 |
| S17 8 | 0    | "7." and (contention same during same (send\$3 transmit\$4 transmission\$1)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:42 |
| S17 9 | 1    | S174 and (contention same during same (send\$3 transmit\$4 transmission\$1)) | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:42 |
| S18 0 | 1    | S174 and (contention same (send\$3 transmit\$4 transmission\$1))             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:43 |
| S18 1 | 1    | S172 and (contention same (send\$3 transmit\$4 transmission\$1))             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 10:43 |
| S18 2 | 1    | S168 and (contention same (send\$3 transmit\$4 transmission\$1))             | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 11:08 |
| S18 3 | 1    | ("6192230").PN.  | US-PGPUB;<br>USPAT           | OR               | OFF     | 2005/09/19 11:08 |
| S18 4 | 1    | "6192230".pn. and (sav\$3 stor\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 11:18 |
| S18 5 | 0    | "6192230".pn. and (contention same (transmit\$4 transmission\$1 send\$3))    | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 11:18 |
| S18 6 | 1    | S172 and message\$1  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 11:33 |
| S18 7 | 1    | S172 and (schedule same (send\$3 transmit\$4 transmission\$1))               | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 12:25 |
| S18 8 | 0    | S172 and (schedule and time\$slot)   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 12:26 |
| S18 9 | 0    | S172 and (time\$slot)  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2005/09/19 12:26 |

## EAST Search History

|          |      |  |                              |    |     |                  |
|----------|------|--|------------------------------|----|-----|------------------|
| S19<br>0 | 1    | S172 and (time slot)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:26 |
| S19<br>1 | 0    | S172 and ("time slot")                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:26 |
| S19<br>2 | 0    | S172 and (slot)                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:47 |
| S19<br>3 | 1    | "20040190467"                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:47 |
| S19<br>4 | 1    | "20050124313"                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:47 |
| S19<br>5 | 1    | S194 and "real time"                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:50 |
| S19<br>6 | 0    | "20040190467".pn. and "real time"        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:51 |
| S19<br>7 | 0    | "20040190467".pn. and ("time slot")      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:52 |
| S19<br>8 | 0    | "6192230".pn. and ("time slot")          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 12:53 |
| S19<br>9 | 1    | "20040013135".pn. and ("time slot")      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 14:07 |
| S20<br>0 | 1    | "20050124313"                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 17:35 |
| S20<br>1 | 4    | "6529593"                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 17:35 |
| S20<br>2 | 1    | "6529593".pn.                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/09/19 17:35 |
| S20<br>3 | 3    | (interactive adj voice) same irv         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 12:28 |
| S20<br>4 | 812  | irv same order\$3                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 12:28 |
| S20<br>5 | 7    | irv same (order\$3 with (music content)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 12:28 |
| S20<br>6 | 6    | (interactive adj voice) and irv          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 12:46 |
| S20<br>7 | 5557 | (interactive adj2 voice)                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 16:31 |
| S20<br>8 | 2    | ((("6771980") or ("6781575")).PN.        | US-PGPUB;<br>USPAT           | OR | OFF | 2006/04/20 17:19 |
| S20<br>9 | 0    | ("721444.apn.").PN.                      | US-PGPUB;<br>USPAT           | OR | OFF | 2006/04/20 17:20 |

## EAST Search History

|          |       |   |                              |    |     |                  |
|----------|-------|---|------------------------------|----|-----|------------------|
| S21<br>0 | 1     | "721444".apn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 17:20 |
| S21<br>1 | 1     | ("6192230").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/04/20 18:49 |
| S21<br>2 | 44    | ("4794649"   "5241542"   "5278831").PN. OR ("6192230").<br>URPN.      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/04/20 18:49 |
| S21<br>3 | 1     | dynamic adj aloha   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 16:51 |
| S21<br>4 | 27    | dynamic near3 aloha   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 18:26 |
| S21<br>5 | 7     | (aloha with dynamic) with contention                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 19:11 |
| S21<br>6 | 1     | ("5638371").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/12/19 18:48 |
| S21<br>7 | 3081  | 370/278,280,337,348,442,443,444.ccls.                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 19:13 |
| S21<br>8 | 0     | S217 and aloha near2 is   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 19:12 |
| S22<br>0 | 62    | S219 and (aloha and contention)                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 19:13 |
| S22<br>1 | 5     | S220 and (ap (access near3 point)) and beacon                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 21:06 |
| S22<br>2 | 2     | "415220".apn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 19:58 |
| S22<br>3 | 1139  | 370/442,443,444.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:06 |
| S22<br>4 | 50    | S223 and (beacon) and ((access near3 point) bs (base adj<br>station)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:11 |
| S22<br>5 | 10855 | "50" and contention   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:07 |
| S22<br>6 | 23    | S224 and contention   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:08 |
| S22<br>7 | 1     | "721444".apn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:30 |
| S22<br>8 | 17669 | (beacon) and ((access near3 point) bs (base adj station))             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:39 |
| S22<br>9 | 50    | S223 and S228   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:14 |
| S23<br>0 | 1     | S229 and "802.11e"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2006/12/19 20:28 |

## EAST Search History

|          |      |  |                              |    |    |                  |
|----------|------|--|------------------------------|----|----|------------------|
| S23<br>1 | 572  | "802.11e"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/19 20:28 |
| S23<br>2 | 3    | S217 and S231 and (beacons) and ((propos\$3 plan\$4 contend\$3 content\$3 reserv\$5) near5 (time slot))                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/19 20:31 |
| S23<br>3 | 119  | (data transmission) near3 (rate throughput bw bandwidth) and (((idle near3 slot)) and (number near3 (connected)))            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/19 21:08 |
| S23<br>4 | 588  | (data transmission) near3 (rate throughput bw bandwidth) and (((used idle) near3 slot)) and (number near3 (connected)))      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/19 21:09 |
| S23<br>5 | 399  | (data transmission) near3 (rate throughput bw bandwidth) and (((idle available) near3 slot)) and (number near3 (connected))) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/19 21:09 |
| S23<br>6 | 219  | S235 and ((used reserved) near3 slot)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 11:54 |
| S23<br>7 | 1    | "766490".apn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 12:17 |
| S23<br>8 | 4    | ("20020071448" "5231634" "6349210" "6389039").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:40 |
| S23<br>9 | 1    | "721444".apn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 13:02 |
| S24<br>0 | 1    | S239 and (proposed)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:09 |
| S24<br>1 | 0    | "20040190467".apn. and cc  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:09 |
| S24<br>2 | 1    | "20040190467".pn. and cc   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:16 |
| S24<br>3 | 473  | CC near3 protocol  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:16 |
| S24<br>4 | 13   | "802.11" and S243  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:16 |
| S24<br>5 | 3    | "802.11" and S243 and RR   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:16 |
| S24<br>6 | 1    | ("2003/0161340").URPN.   | USPAT                        | OR | ON | 2006/12/20 19:28 |
| S24<br>7 | 1    | "433659".apn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/20 19:40 |
| S24<br>8 | 189  | 370/311 and 370/338  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 16:47 |
| S24<br>9 | 0    | 370/338,321,337,347,348  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 16:55 |
| S25<br>0 | 5676 | 370/338,321,337,347,348.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 16:57 |

## EAST Search History

|          |       |   |                              |    |    |                  |
|----------|-------|---|------------------------------|----|----|------------------|
| S25<br>1 | 1366  | 370/311   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 16:57 |
| S25<br>2 | 176   | S251 and S250   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 16:58 |
| S25<br>3 | 13    | S252 and aloha  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 17:49 |
| S25<br>4 | 48    | S251 and aloha  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 17:53 |
| S25<br>5 | 2     | S251 and (dynamic\$4 adapt\$5) near5 aloha            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 18:46 |
| S25<br>6 | 95863 | "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 18:46 |
| S25<br>7 | 95863 | "455"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 18:46 |
| S25<br>8 | 40830 | "11" and (adjust\$3 chang\$3 modif\$4) near6 feedback | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 18:50 |
| S25<br>9 | 44984 | (adjust\$3 chang\$3 modif\$4) near6 feedback          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/24 18:51 |